

Notice of Allowability

Application No.

09/753,855

Examiner

Belix M. Ortiz

Applicant(s)

CHU-CARROLL ET AL.

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/18/2005.
2. ☒ The allowed claim(s) is/are 15-30, 38.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 10/25/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



CHARLES RONES
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

1. The following is an Examiner's statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose, make obvious, or otherwise suggest the structure of the applicant's prediction program, prediction apparatus, and prediction method together with the other limitations of the independent claims.

The dependent claims being further limiting and definite are also allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Authorization for this examiner's amendment was given in an interview with Anne Dougherty on October 25, 2005.

AMENDMENT TO THE CLAIMS:

Claims 15-16 and 21 have been amended. Claims 15-30, and 38 remain pending in the application.

WHAT IS CLAIMED IS:

15. (Currently Amended) An architecture neutral system for building clients that access a legacy system, the neutral system comprising:

- at least one client location;
- at least one server location;
- a bi-directional communication link connecting each of the at least one client and server for transmitting two kinds of messages, first message being a synchronous action between query and response query/response, and a second message being an

asynchronous subscription based event notification, whereby arbitrary data structures are
~~can be~~ rendered into a standard communication format by applying ~~said the~~ contents of
an asynchronous subscription based event notification for providing synchronous action
between query and response query/response communications.

16. (Currently Amended) The system as recited in Claim 15, wherein
the synchronous action between query and response query/response is used to
submit queries from the client to the server.

21. (Currently Amended) A method for building clients that access a
legacy system, the method comprising:
forming simple bi-directional communication link between each of the clients and
a server; and
transmitting along said communication link two kinds of messages, a first
message being a synchronous action between query and response query/response, and a
second message being an asynchronous subscription based event notification, to allow
arbitrary data structures to be rendered into a standard communication format.

Reasons for Allowance

2. Claims 15-30 and 38 are allowed.

3. The following is a statement of reasons for the indication of allowable subject matter:
the prior arts of records, neither anticipates nor renders obvious the following
limitations as claimed:

As to claims 1 and 21, the prior art of records fail to anticipate or suggest an
architecture neutral system for building clients that access a legacy system, the neutral
system comprising:

a bi-directional communication link connecting each of the at least one client and
server for transmitting two kinds of messages, first message being a synchronous action
between query and response, and a second message being an asynchronous subscription
based event notification, whereby arbitrary data structures are rendered into a standard
communication format by applying contents of an asynchronous subscription based event
notification for providing synchronous action between query and response
communications, together with the other limitations of the independent claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Belix M. Ortiz whose telephone number is 571-272-4081.
The examiner can normally be reached on moday-friday 9am-5pm.

The fax phone number for the organization where this application or proceeding is
assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

bmo

October 25, 2005


CHARLES RONES
SUPERVISORY PATENT EXAMINER